CITY OF RIALTO 2009-2013 CAPITAL IMPROVEMENT PROGRAM

Transportation Capital

Pavement Management System

Location: 335 West Rialto Avenue

Project Background

The current Pavement Management System (PMS) was last updated in 2007. This system will be updated on a regular basis with new street conditions. New requirements under GASB 34 through accounting principles generally accepted in the United States also require the City to record its general infrastructure assets on its financial statement. Updating the PMS information will assist in completing this task.

Project Scope and Goal

This project will bring pavement information current with the City's growth and development.

Project Justification

Keeping the system current and data updated will assist the Engineering Division to determine the need and eligibility of streets requiring maintenance or replacement.

Fiscal Implications

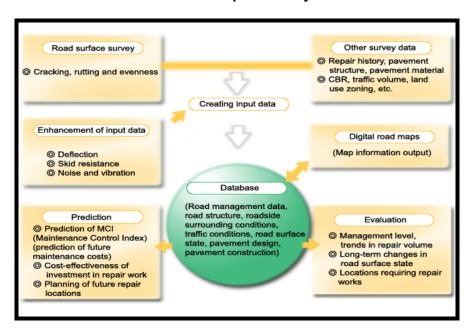
Account # 200-500-4310-3030-040802-00

Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Planning / Design / Engineering	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000
Right of Way						
Utility Relocation						
Construction						
TOTAL	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

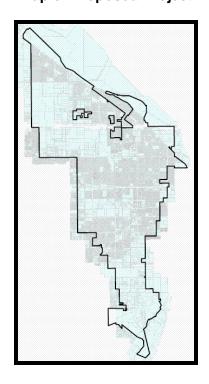
Funding Descriptions	Actual Expenditures through	Carry Over As Of 7/1/2008		Five Year Funding						
2 dod i pilono	6/30/2008		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 200 Measure I	\$350,000	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$600,000		
TOTAL	\$233,359	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$600,000		

Pavement Management System

Photo of Proposed Project



Map of Proposed Project



(Citywide)

Street Slurry Seal Program

Location: Various locations throughout the City

Project Background

Under the City's Pavement Management System, streets are selected to be reconstructed according to deterioration rates as determined by the system. The system selects streets and categorizes them by an overall pavement condition index that determines the type of preventive maintenance and / or resurfacing to be received.

Project Scope and Goal

This program will perform needed maintenance to pavement to extend the street's life span by performing slurry seal. Currently the city has been divided into seven zones, and the intend is to slurry seal all city streets in a seven years cycle.

Project Justification

The continuation of this on-going street preventive maintenance will provide the City with safe, and attractive roads and keep the streets repair cost at minimum.

Fiscal Implications

Account # 200-500-4310-3001-090213-00

Account # 207-500-4317-3001-090213-00

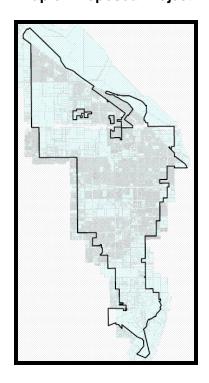
Project Expenditure			Estimated Total Project				
		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration		\$58,000					\$58,000
Planning / Design / Engineering		\$70,500					\$70,500
Right of Way							
Utility Relocation							
Construction		\$511,050					\$511,050
TOTAL		\$639,550					\$639,550

Funding Descriptions	Actual Expenditures through	Carry Over As Of		Five Year Funding						
Bosonptions	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 200 Measure I	\$303,669	\$0	\$400,000	\$500,000	\$0	\$0	\$0	On-going		
Fund 207 Prop 1B	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000		
TOTAL	\$603,669	\$0	\$400,000	\$,500,000	\$0	\$0	\$0	On-going		

Street Slurry Seal Program



Map of Proposed Project



(Citywide)

Street Overlay Program

Location: Various locations throughout the City

Project Background

Under the City's Pavement Management System, streets are selected to be reconstructed according to deterioration rates as determined by the system. The system selects streets and categorizes them by an overall pavement condition index that determines the type of preventive maintenance and / or resurfacing to be received.

Project Scope and Goal

This program will perform needed maintenance to pavement to extend the street's life span by performing asphalt overlay resurfacing, perform street reconstruction and new structural sections.

Project Justification

The continuation of this ongoing street preventive maintenance will provide the City with safe, and attractive roads and keep the streets repair cost at minimum.

Fiscal Implications

Account # 200-500-4310-3001-090220-00

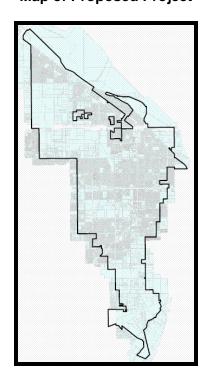
Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration						
Planning / Design / Engineering						
Right of Way						
Utility Relocation						
Construction						
TOTAL						

Funding E Descriptions	Actual Expenditures through	Carry Over As Of		Five Year Funding						
2000	6/30/20088	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 200 Measure I	\$482,717	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$2,482,717		
TOTAL	\$482,717	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$2,482,717		

Street Overlay Program



Map of Proposed Project



(Citywide)

Curb, Gutter, and Sidewalk Citywide Program

Location: Various locations throughout the City

Project Background

Street resurfacing is needed to provide curbs, gutters, sidewalks, handicap ramps, and re-striping. Existing sidewalks and curb cut conditions in many locations need to be repaired.

Project Scope and Goal

This program will perform necessary street improvements and construct ramps that comply with the American with Disabilities Act (ADA).

Project Justification

Providing these improvements will reduce unsafe conditions on sidewalks and at curb returns, improve access for pedestrians and handicapped persons, and promote the City's objectives in improving handicapped accessibility in public right of way.

Fiscal Implications

Account # 200-500-4310-3001-090803-00

Account # 234-500-1856-3001-CB0288-00

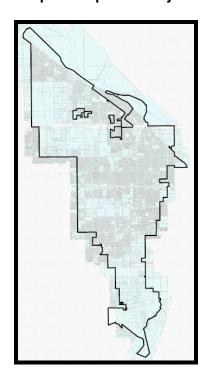
Project Expenditure			Estimated Total Project				
		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration		\$35,000	\$35,000				Ongoing
Planning / Design / Engineering							
Right of Way							
Utility Relocation							
Construction		\$315,000	\$315,000				Ongoing
TOTAL		\$350,000	\$350,000				Ongoing

Funding Descriptions	Actual Expenditures through	Carry Over As Of		Five Year Funding						
Bosonphons	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 200 Measure I	\$0	\$0	\$350,000	\$350,000	\$0	\$0	\$0	Ongoing		
Fund 234 CDBG	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000		
TOTAL	\$0	\$100,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	Ongoing		

Curb, Gutter, and Sidewalk Citywide Program



Map of Proposed Project



(Citywide)

Street and Landscape Construction

Location: Various locations throughout the City

Project Background

Streetscape and landscaping improvements will play an important role in the continued establishment of an overall character and community image for Rialto.

Project Scope and Goal

Enhance the visual quality of City's major portal and thoroughfares.

Project Justification

Landscaping will provide a pleasant environment for living or working, and encourage new residential and commercial development.

Fiscal Implications

Account # 200-500-4310-2021-070804-00

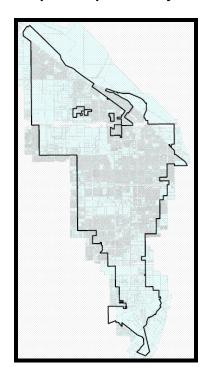
Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	On-going
Planning / Design / Engineering						
Right of Way						
Utility Relocation						
Construction	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	On-going
TOTAL	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	On-going

Funding Expenditu	Actual Expenditures through			Five Year Funding						
2 ddd i pilond	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 200 Measure I	\$0	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	On-going		
TOTAL	\$0	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	On-going		

Street and Landscape Construction



Map of Proposed Project



(Citywide)

Pepper Avenue Extension

Location: Pepper Avenue at Freeway 210

Project Background

In order for Caltrans to fund a freeway off-ramp at Pepper Avenue, the avenue must be extended approximately 2,550 feet to the freeway. The extension of Pepper Avenue is a joint project with the City of Colton, City of San Bernardino and San Bernardino County. The road must be constructed before November 2009 or the City will be assessed costs for the over crossing and ramps that are part of the freeway 210 project.

Project Scope and Goal

Create an additional freeway interchange in the City and provide a connecting arterial roadway between the 210 and I-10 freeways serving the Arrowhead Medical Center hospital and surrounding communities.

Project Justification

Creation of the additional interchange will reduce congestion at the Riverside Avenue off-ramp and create new revenue potential through land development opportunities.

Fiscal Implications

Account # 223-500-4402-3001-000893-00 Account # 336-500-1799-3001-000893-00 Account # 335-500-1799-3001-000893-00 Account # 334-500-1790-2011-000893-00

Financial Information

Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration						
Planning / Design / Engineering						
Right of Way						
Utility Relocation						
Construction						
TOTAL						

Funding Descriptions	Funding Expenditures Over Descriptions through As Of			Five Year Funding						
	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 223 Grant	\$119,361	\$122,480	\$0	\$0	\$0	\$0	\$0	\$240,000		
Fund 334 RDA Bond	\$1,490	\$0	\$0	\$0	\$0	\$0	\$0	\$1,490		
Fund 335 RDA Bond	\$227,302	\$0	\$0	\$0	\$0	\$0	\$0	\$227,302		
Fund 336 RDA Bond	\$103,834	\$0	\$14,800,000	\$0	\$0	\$0	\$0	\$14,903,834		
TOTAL	\$450,49	\$122,480	\$14,800,000	\$0	\$0	\$0	\$0	\$15,372,626		

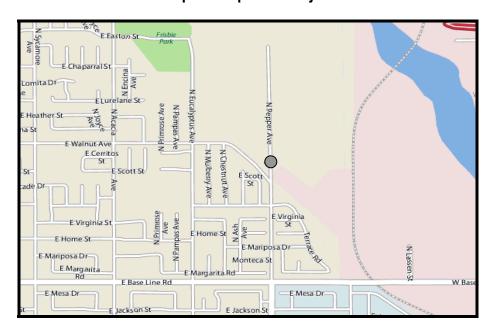
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Pepper Avenue Extension

Photo of Proposed Project



Map of Proposed Project



Riverside Avenue / I-10 Overpass Improvements

Location: Riverside Avenue at Interstate 10 Freeway

Project Background

The purpose of this project is to improve the existing level of service for the interchange and provide adequate levels of service for traffic through the year 2030 where the freeway ramps intersects with Riverside Avenue and where Valley Boulevard intersects with Riverside Avenue.

Project Scope and Goal

The project will widen the overpass from five lanes to nine lanes over the freeway, improve four freeway ramps by adding auxiliary lanes at both off ramps, and replace the existing Riverside Avenue bridge structure over the I-10 Freeway to accommodate the ultimate freeway configuration.

Project Justification

The City, in cooperation with SANBAG, Caltrans and the Federal Highway Administration (FHWA), proposes to improve the Riverside Avenue / Interstate 10 Freeway Interchange as identified in the SANBAG Nexus Study as a regional project.

Fiscal Implications

Accts # 200-500-4310-3001-000710-00 Accts # 222-500-4316-4316-000710-00 Accts # 336-500-1799-3001-000710-00 Accts # 206-500-4313-3001-000710-00 Accts # 335-500-1799-3001-000710-00

Project Expenditure		Five Year Funding							
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost			
Administration	\$2,729,050					\$2,729,050			
Planning / Design / Engineering	\$5,210,000					\$5,210,000			
Right of Way	\$2,470,000					\$2,470,000			
Utility Relocation									
Construction	\$25,500,000					\$25,500,000			
TOTAL	\$35,909,050					\$35,909,050			

Riverside Avenue / I-10 Overpass Improvements

Funding Descriptions	Actual Expenditures through	Carry Over As Of		Five Year Funding						
Bosonphons	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	. Project Cost		
Fund 200 Measure I	\$14,815	\$0	\$0	\$0	\$0	\$0	\$0	\$14,815		
Fund 222 TEA/STIP/IMD	\$1,153,962	\$31,924	\$0	\$0	\$5,859,824	\$0	\$0	\$7,045,710		
Fund 206 TCR	\$154,000	\$0	\$0	\$0	\$0	\$0	\$0	\$154,000		
Fund 335 RDA Bond	\$2,168,377	\$0	\$16,488,370	\$0	\$0	\$0	\$0	\$18,656,747		
Fund 010 General Fund	\$0	\$0	\$0	\$0	\$5,000,000	\$0	\$0	\$5,000,000		
Fund 339 RDA	\$12,683	\$0	\$0	\$0	\$0	\$0	\$0	\$12,683		
Fund 336 RDA 2008 Fund	\$0	\$0	\$4,700,000	\$0	\$0	\$0	\$0	\$4,700,000		
TOTAL	\$3,503,837	\$31,924	\$16,958,370	\$0	\$10,859,824	\$0	\$0	\$35,583,955		





Traffic Signalization and Intersection Improvements

Location: Various Intersections Citywide

Project Background

The City's continued growth has placed burdens on the existing transportation system. Additional signals with limited pavement reconstruction and basic corner improvements are warranted throughout the City.

Project Scope and Goal

New signalization controls are warranted at several locations in the City. The intersection are as listed but not limited to the following:

Riverside Ave and Locust Ave

Cactus Ave and Valley Blvd

Baseline Ave and Tamarind Ave

Riverside Ave and Linden Ave

Willow Ave and Valley Blvd

Project Justification

These improvements will increase the mobility of vehicle traffic and pedestrian safety at intersections.

Fiscal Implications

Account # 200-500-4310-3001-080801-00

Account # 250-500-4312-3001-080801-00

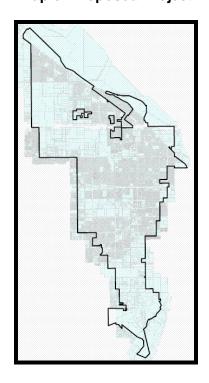
Project Expenditure	Five Year Funding							
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Administration	\$47,000	\$47,000	\$40,000	\$40,000	\$40,000	On-Going		
Planning / Design / Engineering	\$47,000	\$47,000	\$40,000	\$40,000	\$40,000	On-Going		
Right of Way								
Utility Relocation								
Construction	\$376,000	\$376,000	\$320,000	\$320,000	\$320,000	On-Going		
TOTAL	\$470,000	\$470,000	\$400,000	\$400,000	\$400,000	On-Going		

Funding Expendi	Actual Expenditures through	penditures Over		Five Year Funding						
2000.17110110	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 200 Measure I	\$0	\$400,000	\$70,000	\$70,000	\$0	\$0	\$0	On-Going		
Fund 250 Traffic Dev	\$0	\$0	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	On-Gong		
TOTAL	\$0	\$400,000	\$470,000	\$470,000	\$400,000	\$400,000	\$400,000	On-Gong		

Traffic Signalization and Intersection Improvements



Map of Proposed Project



(Citywide)

Metrolink Parking Lot Expansion

Location: 261 South Palm Avenue

Project Background

The growth in Metrolink use and services has led to a corresponding increase in vehicles at most stations. SANBAG has identified the Rialto Metrolink Station as one of the commuter rail stations most in need of additional parking in San Bernardino County. Furthermore, SANBAG has dedicated funds via the Federal Transportation Act (FTA) and Local Transportation Fund (LTF) to meet this need for additional parking. City has set aside bond funds for this project.

Project Scope and Goal

Expand the existing parking by approximately 550 spaces to a total of approximately 775 spaces for commuters.

Project Justification

This improvement will ease overcrowded lot and avoid any illegal parking in the surrounding area by commuters.

Fiscal Implications

Account # 334-500-1790-3001-050811-00

Account # 336-500-1799-3001-050811-00

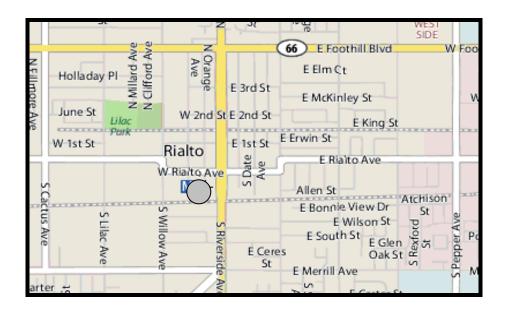
Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration						
Planning / Design / Engineering						
Right of Way						
Utility Relocation						
Construction						
TOTAL						

Funding Exper	Actual Expenditures through	Expenditures Over		Five Year Funding						
	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 334 Grant	\$110,169	\$39,831	\$0	\$0	\$0	\$0	\$0	\$150,000		
Fund 336 RDA Bond	\$0	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000		
FTA	\$0	\$0	\$0	\$3,200,000	\$0	\$0	\$0	\$3,200,000		
SANBAG	\$0	\$0	\$0	\$800,000	\$0	\$0	\$0	\$650,000		
TOTAL	\$91,118	\$58,882	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$8,150,000		

Metrolink Parking Lot Expansion



Map of Proposed Project



Carter High School Traffic Calming Improvements

Location: Carter High School – Linden and Maple Avenues

Project Background

The City of Rialto in partnership with the Rialto Unified School District (RUSD) has secured a grant from the Safe Route to School (SR2S) program. The grant is for the implementation of traffic calming measures to enhance pedestrian safety near schools.

Project Scope and Goal

To improve pedestrian safety at Carter High school along Linden Avenue, and implement traffic calming measures.

Project Justification

This project will enhance public safety for Carter High School students and local residents who would like to use Birdsall park and school facilities.

Fiscal Implications

Account # 223-500-4411-3001-070805-00

Account # 200-500-4411-3001-070805-00

Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration						
Planning / Design / Engineering						
Right of Way						
Utility Relocation						
Construction						
TOTAL						

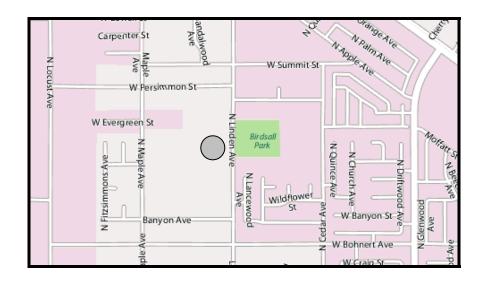
Funding Descriptions	Actual Expenditures through	Carry Over As Of			Estimated Total Project			
	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Fund 223 SR2S Grant	\$20,372	\$137,928	\$0	\$0	\$0	\$0	\$0	\$158,300
Fund 200 Measure I	\$31,800	\$2,455	\$0	\$0	\$0	\$0	\$0	\$34,255
TOTAL	\$52,172	\$140,383	\$0	\$0	\$0	\$0	\$0	\$192,555

Carter High School Traffic Calming Improvements

Photo of Proposed Project



Map of Proposed Project



Foothill Boulevard Relinquishment & Improvements

Location: Foothill Boulevard within the City Limits

Project Background

At present, Foothill Blvd (State Route 66) within the City limits is a State Highway maintained by the State of California, Department of Transportation (CALTRANS). As part of original Route 66, Foothill Blvd was the principal direct route between Los Angeles and Rialto until the mid-1950 when Interstate 10 was constructed. As such, Foothill Blvd was the historic commercial highway corridor through the City. The City of Rialto would like the State to relinquish the right-of-way of Foothill Blvd to the City.

Project Scope and Goal

To pursue the relinquishment of Foothill Blvd from the State to the City of Rialto, the City needs to evaluate deficiencies on Foothill Blvd with respect to pavement condition, concrete improvements and lighting and cost analysis to bring the corridor to the current engineering standards. This city is also executing a specific plan study for foothill boulevard.

Project Justification

The plan will revitalize the Foothill Boulevard corridor by improving dilapidated structures, incompatible land uses, and general aesthetic look.

Fiscal Implications

Account # 334-500-1790-2011-070700-00

Project Expenditure	Five Year Funding							
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Administration								
Planning / Design / Engineering	\$150,000					\$150,000		
Right of Way								
Utility Relocation								
Construction								
TOTAL	\$150,000					\$150,000		

Funding Descriptions	Actual Expenditures through	Carry Over As Of		Five Year Funding						
6/30/2008		7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 334	\$330,139	\$67,101	\$0	\$0	\$0	\$0	\$0	\$397,240		
TOTAL	\$330,139	\$67,101	\$0	\$0	\$0	\$0	\$0	\$397,240		

Foothill Boulevard Relinquishment & Improvements



Map of Proposed Project



Street Widening

Location: Various Locations throughout the City

Project Background

In many locations throughout the City there are streets that have been widened via the land development process. There are also many parcels throughout the City that remain undeveloped with a minimum width right-of-way frontage. Annually the City participates in a County-wide Nexus Study of arterial projects that the City determines to be road improvement needed based on current project and planning information.

Project Scope and Goal

Streets with non-continuous lane configurations, varying right-of-way widths, and numerous lane tapers, are to be widened for growing traffic flow.

Project Justification

Provide safe and continuous traffic flow via consistent traffic lane configurations on Rialto's most traveled streets.

Fiscal Implications

Account # 207-500-4317-3001-080808-00

Account # 234-500-1856-3001-CB0289-00

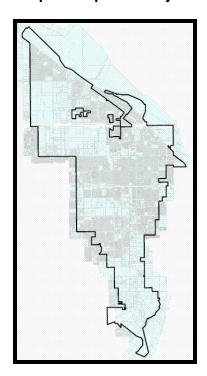
Project Expenditure	Five Year Funding							
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Administration								
Planning / Design / Engineering								
Right of Way								
Utility Relocation								
Construction								
TOTAL								

Funding Descriptions	Actual Carry Expenditures Over through As Of			Five Year Funding						
2000	6/30/2008	7/1/2008	2008 / 09	2008/09 2009/10 2010/11 2011/12 2012/13						
Fund 207 Prop 1B	\$17,221	\$575,779	\$0	\$0	\$0	\$0	\$0	\$593,000		
Fund 234 CDBG	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000		
TOTAL	\$17,221	\$575,779	\$250,000	\$250,000 \$0 \$0 \$0						

Street Widening



Map of Proposed Project



(Citywide)

Extension of West Coast Boulevard to Locust Avenue

Location: West Coast Boulevard between Maple and Locust Avenues

Project Background

The City has received numerous complaints regarding West Coast Blvd, since it is used as roadway access between Las Colinas community and Carter High School. However, the boulevard is not developed and lacks any sidewalks, making it dangerous for pedestrian traffic.

Project Scope and Goal

The project will construct approximately 1000 linear feet of new pavement, sidewalks, curbs and gutters. Additional right of way will be acquired.

Project Justification

To improve traffic circulation and enhance pedestrian safety.

Fiscal Implications

Account # 250-500-4312-3001-080811-00

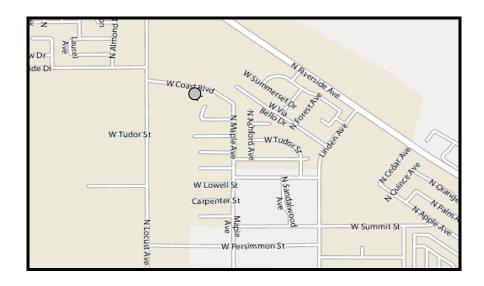
Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration	\$35, 000					\$35, 000
Planning / Design / Engineering	\$60,000					\$60,000
Right of Way	\$55,000					\$55,000
Utility Relocation						
Construction	\$350,000					\$350,000
TOTAL	\$500,000					\$500,000

Actual Funding Expenditures Descriptions through	Carry Over As Of		Five Year Funding						
2 3001 (\$110110	6/30/2008 7/1/2008		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost	
Fund 250 Dev Impact Fee	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000	
TOTAL	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000	

Extension of West Coast Boulevard to Locust Avenue



Map of Proposed Project



Traffic Signal Loop Replacement

Location: Citywide

Project Background

The City has over 50 traffic signals throughout the City. Each intersection has between 16 and 48 traffic loops used to detect traffic at or approaching the intersection. These loops control signal timing and operations of the signal to serve the needs of the traffic. When a loop fails, the traffic signal defaults to a fixed time operation, and begins serving each approach to the intersection as though it has the maximum number of cars waiting at the intersection. This causes long signal cycle lengths even when no traffic is present, increases delays and frustration among drivers, and frequent red light violations.

Project Scope and Goal

This project will fund the replacement of broken or defective signal loops which will improve overall signal operations, shorten the wait signals and better serve the public. A recently completed survey of the signals and loops has shown a relatively high number of broken or defective loops in need of replacement and it exceeds the funding for regular maintenance of the signal system.

Project Justification

Replacement of the loops will provide better overall operations of the signal systems in the City, correct timing problems and eliminate giving green light phases when there no cars approaching or at the intersection by detecting the vehicles.

Fiscal Implications

Account # 207-500-4317-3001-080807-00

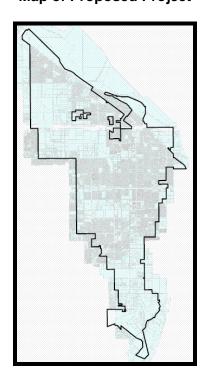
Project Expenditure		Five Year Funding							
	2008 / 0)9	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Administration	\$20,00	0					\$20,000		
Planning / Design / Engineering	\$20,00	0					\$20,000		
Right of Way									
Utility Relocation									
Construction	\$160,00	00					\$160,000		
TOTAL	\$200,00	00					\$200,000		

Funding E	Actual Expenditures through	Carry Over As Of		Five Year Funding						
Bosonptions	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 207 Prop 1B	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000		
TOTAL	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000		

Traffic Signal Loop Replacement



Map of Proposed Project



(Citywide)

Traffic Signalization Upgrades

Location: Various Intersections Citywide

Project Background

The City's continued growth has placed burdens on the existing transportation system. Existing signals are not capable of handling additional traffic demands such as left turns or any additional phase.

Project Scope and Goal

Upgrading several traffic signal phasing and some of the traffic controllers are necessary at several locations in the City. The intersections are as listed but not limited to the following:

- Riverside Ave and Slover Ave
- Willow Ave and First Ave
- Riverside Ave and Alder Ave
- Riverside /Merrill/Bloomington
- Baseline Ave and Pepper Ave
- Cactus Ave and Merrill Ave

Project Justification

These improvements will increase the mobility of vehicle traffic and pedestrian safety at intersections.

Fiscal Implications

Account # 250-500-4312-3001-090801-00

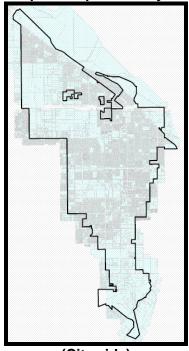
Project Expenditure		Five Year Funding							
		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Administration									
Planning / Design / Engineering									
Right of Way									
Utility Relocation									
Construction									
TOTAL									

Funding Descriptions	Actual Expenditures through	Carry Over As Of		Five Year Funding						
2000.101.0	6/30/2008 7/1/2008		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 250 Traffic Dev	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	Ongoing		
TOTAL	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	Ongoing		

Traffic Signalization Upgrades



Map of Proposed Project



(Citywide)

Vehicle Speed Feedback Signs (SR2S Grant)

Location: 1321 North Lilac

Project Background

In 2007, the City of Rialto, in partnership with the Rialto Unified School District (RUSD), submitted an application to the State of California Department of Transportation (Caltrans) Safe Routes to School (SR2S) Program requesting grants to install two (2) Vehicle Speed Feedback Signs (VSFS) and flashing beacons on Lilac Avenue at the Eisenhower High School. Caltrans has recently approved the grant application to fund this project. Caltrans has committed \$53,640 towards the project with the City contributing a local match of \$5,960 towards the project total of \$59,600.

Project Scope and Goal

Accept a Grant from the State's Safe Routes to School (SR2S) Program and Adopt a Budget Resolution for Vehicle Speed Feedback Signs and yellow flashing beacon on North Lilac Avenue at Eisenhower High School.

Project Justification

Vehicle Speed Feedback Signs (VSFS) immediately display to drivers the actual speed at which they are traveling. These permanent signs alert drivers to slow down and offer advantages of real-time speed information and enhanced pedestrian safety. In addition, flashing beacons will be installed to alert drivers of the school zone and crosswalk from a greater distance.

Fiscal Implications

Account # 223-500-4415-3001-080810-00

Account # 200-500-4310-3001-080810-00

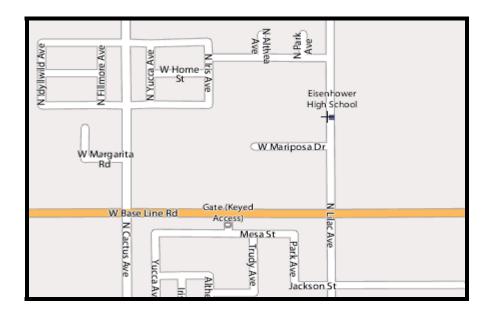
Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration	\$5,500					\$5,500
Planning / Design / Engineering	\$9,000					\$9,000
Right of Way	\$0					\$0
Utility Relocation	\$0					\$0
Construction	\$45,120					\$45,120
TOTAL	\$59,620					\$59,620

Funding Descriptions	Actual Expenditures through	Carry Over As Of		Five Year Funding						
2000	6/30/20088	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 223	\$0	\$53,640	\$0	\$0	\$0	\$0	\$0	\$53,640		
Fund 200	\$0	\$5,960	\$0	\$0	\$0	\$0	\$0	\$5,960		
TOTAL	\$0	\$59,620	\$0	\$0	\$0	\$0	\$0	\$59,620		

Vehicle Speed Feedback Signs (SR2S Grant)



Map of Proposed Project



SR210 Detour Pavement Repairs

Location: Riverside Avenue, Ayala Avenue and Baseline Road

Project Background

Relating the construction of SR-210 segments through the City of Rialto, the City entered into a cooperative agreement with SANBAG on August 6, 2002. By this agreement, SANBAG had agreed to perform pre-detour and post-detour pavement analysis to evaluate the impact of the added traffic on the detour route (Riverside Ave., Baseline Rd., Ayala Ave.) and to perform the required repairs to restore the roadway pavement to the pre-detour condition.

Project Scope and Goal

To complete design, surveying, soil testing, construction and inspection of the detour route pavement repairs.

Project Justification

The pavement analysis has shown that the detour route pavement has been adversely impacted due to the added traffic as well as the construction traffic. There are many segments of the roadways that have shown pavement stress from moderate transverse and longitudinal cracking to alligator cracking, rutting and failure. Pavement repairs include variety of rehab measures including full depth reconstruction, grind and overlay and crack fill and slurry. SANBAG agreed to provide funding in the amount of \$1,185,491, and the City has agreed to administer the project and undertake the construction.

Fiscal Implications

Account # 223-500-4417-3001-090800-00

Account # 200-500-4310-3001-090800-00

Project Expenditure		Five Year Funding							
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	- Project Cost			
Administration	\$180,000					\$180,000			
Planning / Design / Engineering	\$125,491					\$125,491			
Right of Way	\$0					\$0			
Utility Relocation	\$0					\$0			
Construction	\$2,220,881					\$2,220,881			
TOTAL	\$2,526,372					\$2,526,372			

Actual Funding Expenditures Descriptions through		Carry Over As Of		Estimated Total Project				
	6/30/2008	7/1/2008	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Fund 223 Capital Grants	\$0	\$0	\$1,606,372	\$0	\$0	\$0	\$0	\$1,606,372
Fund 200 Measure I	\$0	\$920,000	\$0	\$0	\$0	\$0	\$0	\$920,000
TOTAL	\$0	\$920,000	\$1,606,372	\$0	\$0	\$0	\$0	\$2,526,372

SR210 Detour Pavement Repairs



Map of Proposed Project



Cactus Avenue Street Improvements

Location: Approximately 2,655 lineal feet on the westerly side of Cactus Avenue south from Baseline Road along the Shea Homes/Elm Park Project frontage.

Project Background

The Redevelopment Agency entered into an Ownership Participation Agreement (OPA) with Shea Homes (Owner) for the Cactus Avenue street improvements. The full width improvements include curb/gutter, striping/signage, a landscaped median island in Cactus Avenue, and any utility pole relocations necessitated by the street improvements. The Owner shall not be required to construct parkway improvements (e.g. sidewalk, landscaping, etc.) on Cactus Avenue but shall complete the parkway improvements on Baseline Road.

Project Scope and Goal

Improve circulation for all residents of Rialto as well as enhancing the marketing window for the Elm Park Project. Create a new travel lane and a left-turn pocket into the Project, and conform Cactus Avenue to full width from Baseline Road southerly to Etiwanda Avenue.

Project Justification

The Cactus Avenue Street Improvement goal is to improve traffic circulation within the Elm Park Project, help eliminate blighting conditions and create jobs and public revenues for the City of Rialto.

Fiscal Implications

Account # 334-500-1790-3001-080701-00

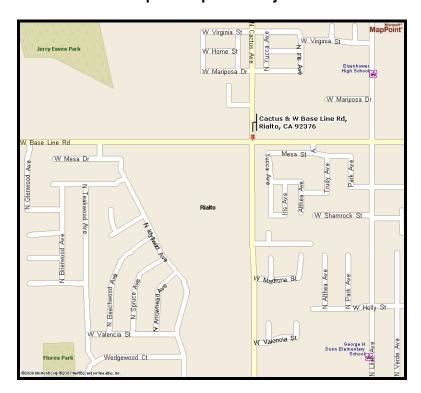
Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration	\$40,000.00					\$40,000
Planning / Design / Engineering	\$348,077					\$348,077
Right of Way						
Utility Relocation	\$10,000					\$10,000
Construction	\$1,200,000					\$1,200,000
TOTAL	\$1,598,077					\$1,598,077

Funding E. Descriptions	Actual Expenditures through	Carry Over As Of		Five Year Funding						
	6/30/2008 7/1/2008		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost		
Fund 334 RDA	\$3,950	\$1,596,050	\$0	\$0	\$0	\$0	\$0	\$1,600,000		
TOTAL	\$3,950	\$1,596,050	\$0	\$0	\$0	\$0	\$0	\$1,600,000		

Cactus Avenue Street Improvements



Map of Proposed Project



Ayala Avenue Widening

Location: Ayala Avenue between Baseline Road and 210 Freeway

Project Background

The City of Rialto received a Federal grant through Highway Safety Improvement Program (HSIP) to widen Ayala Avenue between Baseline Road and the 210 freeway.

Project Scope and Goal

Widen Ayala Avenue from a three-lane road to a four-lane road. Project includes installing curb, gutter and sidewalks and bike lanes.

Project Justification

Ayala Avenue is a major arterial street with four lanes in each direction, except between Baseline Road and 210 freeway. This bottleneck causes traffic problems and is a significant safety concern for motorists, pedestrians and bicyclists. In addition, the current road design may also pose a significant risk to fire personnel trying to return to the fire station located on Ayala Avenue. This widening will create a safer route, reduce traffic congestion and improve motorists and pedestrian safety.

Fiscal Implications

Account # 223-500-4414-3001-090804-00

Account # 200-500-4310-3001-090804-00

Project Expenditure		Estimated Total Project				
	2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Administration						
Planning / Design / Engineering		\$266,030				\$266,030
Right of Way		\$50,000				\$50,000
Utility Relocation			\$736,136			\$736,136
Construction						
TOTAL		\$316,030	\$736,136			\$1,052,166

Descriptions	Actual Expenditures through	Carry Over As Of 7/1/2008		Estimated Total Project				
	6/30/2008		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Fund 223 Grant	\$0	\$0	\$200,000	\$268,626	\$631,375	\$0	\$0	\$1,100,000
Fund 200 Measure I	\$0	\$0	\$0	\$47,404	\$104,761	\$0	\$0	\$152,166
TOTAL	\$0	\$0	\$200,000	\$268,626	\$736,136	\$0	\$0	\$1,252,166

Ayala Avenue Widening



Map of Proposed Project



Alley Reconstruction Program

Location: Citywide

Project Background

This project contemplates the reconstruction of the rear public alley through out the City. Presently, most of the alleys have shown sign of deterioration and it is leading to lower utilization of the alleyways.

Project Scope and Goal

Each year, depending on fund availability, a selected number of alleys will be designed to include four-inch asphalt, a new concrete ribbon gutter and concrete alley approaches at either end as minimum standards.

Project Justification

The project will improve the physical appearance of the alley through out the City and facilitating a higher utilization of alleys by motorists, pedestrians and bicyclists.

Fiscal Implications

Account # 207-500-4317-3001-090214-00

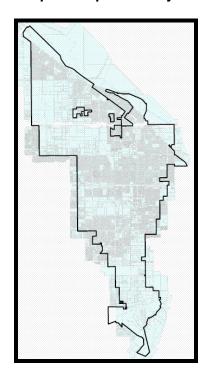
Project Expenditure		Five Year Funding						
		2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Project Cost	
Administration		\$40,000					\$40,000	
Planning / Design / Engineering		\$40,000					\$40,000	
Right of Way								
Utility Relocation								
Construction		\$420,000					\$420,000	
TOTAL		\$500,000					\$500,000	

Funding Descriptions	Actual Expenditures through 6/30/2008	Carry Over As Of 7/1/2008		Estimated Total Project				
			2008 / 09	2009 / 10	2010 / 11	2011 / 12	2012 / 13	Cost
Fund 207 Local Streets	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
TOTAL	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

Alley Reconstruction Program



Map of Proposed Project



(Citywide)